

1770

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P O Box 2327, Arlington, VA 22202.

Date of Signature and Deposit: May __, 2002

Bennett J. Berson

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: William H. Bushong
Paul Cheeseman
Thomas M. Kaufman
Michael Root
Aaron Rositch
Marc L. Syvertsen
Viet H. Vu

Date: May 15, 2002

Serial No.: 10/045,934

Group Art Unit: 2838

Filed: 10/19/2001

Examiner:

Title: METHOD AND APPARATUS FOR
REGULATING CHARGING OF
ELECTROCHEMICAL CELLS

Docket No.: 780396.91470

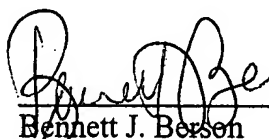
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
Box Non-Fee
P O Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed is a completed Form PTO-1449 listing additional documents that the applicants in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application.

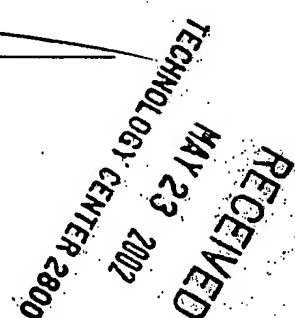
Respectfully submitted,


Bennett J. Berson

Reg. No. 37,094
Attorney for Applicants
QUARLES & BRADY LLP
P.O. Box 2113
Madison, WI 53701-2113

TEL 608/251-5000
FAX 608/251-9166

QBMAD\331883.1



EXPRESS MAIL LABEL NO. _____

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL FOR FY 2002 Patent fees are subject to annual revision.		Complete if Known	
		Application Number	10/045,934
		Filing Date	10/19/2001
		First Named Inventor	William H. Bushong
		Group Art Unit	2838
TOTAL AMOUNT OF PAYMENT \$		Examiner Name	
		Attorney Docket Number	780396.91470

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																											
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: <u>17-0055</u> Deposit Account Name: <u>Quarles & Brady LLP</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>60</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840</td><td>113</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a procedure</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoluntarily abandoned application</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee for reissue</td><td></td></tr> <tr><td>143</td><td>480</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(e))</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>270</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="5">Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$)</td> </tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	60	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920	112	920	Requesting publication of SIR prior to Examiner action		113	1,840	113	1,840	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a procedure		140	110	240	55	Petition to revive unavoluntarily abandoned application		141	1,280	241	640	Petition to revive unintentionally abandoned application		142	1,280	242	640	Utility issue fee for reissue		143	480	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(e))		146	740	246	370	For each additional invention to be examined (37 CFR 1.129(b))		179	740	270	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																								
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																									
127	60	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																									
139	130	139	130	Non-English specification																																																																																																																																																																																									
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																									
112	920	112	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																									
113	1,840	113	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																																									
115	110	215	55	Extension for reply within first month																																																																																																																																																																																									
116	400	216	200	Extension for reply within second month																																																																																																																																																																																									
117	920	217	460	Extension for reply within third month																																																																																																																																																																																									
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																									
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																									
119	320	219	160	Notice of Appeal																																																																																																																																																																																									
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																									
121	280	221	140	Request for oral hearing																																																																																																																																																																																									
138	1,510	138	1,510	Petition to institute a procedure																																																																																																																																																																																									
140	110	240	55	Petition to revive unavoluntarily abandoned application																																																																																																																																																																																									
141	1,280	241	640	Petition to revive unintentionally abandoned application																																																																																																																																																																																									
142	1,280	242	640	Utility issue fee for reissue																																																																																																																																																																																									
143	480	243	230	Design issue fee																																																																																																																																																																																									
144	620	244	310	Plant issue fee																																																																																																																																																																																									
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																									
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																									
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																									
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																									
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(e))																																																																																																																																																																																									
146	740	246	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																									
179	740	270	370	Request for Continued Examination (RCE)																																																																																																																																																																																									
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																									
Other fee (specify) _____																																																																																																																																																																																													
Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)																																																																																																																																																																																								
FEE CALCULATION <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5">SUBTOTAL (1) (\$).00</td><td></td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee		106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1) (\$).00						<table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>-20**=</td> <td>X</td> <td></td> </tr> <tr> <td>Multiple Dependent Claims</td> <td>-3**=</td> <td>X</td> <td></td> </tr> <tr> <td colspan="4">** or number previously paid, if greater, For reissues see below</td> </tr> <tr> <td>Large Entity Fee Code</td> <td>Large Entity Fee (\$)</td> <td>Small Entity Fee Code</td> <td>Small Entity Fee (\$)</td> </tr> <tr><td>103</td><td>18</td><td>203</td><td>9</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td></tr> <tr><td colspan="4">SUBTOTAL (2) (\$).00</td></tr> </tbody> </table>		Total Claims	Extra	Fee from below	Fee Paid	Independent	-20**=	X		Multiple Dependent Claims	-3**=	X		** or number previously paid, if greater, For reissues see below				Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	103	18	203	9	102	84	202	42	104	280	204	140	109	84	209	42	110	18	210	9	SUBTOTAL (2) (\$).00																																																																																																							
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																								
101	740	201	370	Utility filing fee																																																																																																																																																																																									
106	330	206	165	Design filing fee																																																																																																																																																																																									
107	510	207	255	Plant filing fee																																																																																																																																																																																									
108	740	208	370	Reissue filing fee																																																																																																																																																																																									
114	160	214	80	Provisional filing fee																																																																																																																																																																																									
SUBTOTAL (1) (\$).00																																																																																																																																																																																													
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																										
Independent	-20**=	X																																																																																																																																																																																											
Multiple Dependent Claims	-3**=	X																																																																																																																																																																																											
** or number previously paid, if greater, For reissues see below																																																																																																																																																																																													
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)																																																																																																																																																																																										
103	18	203	9																																																																																																																																																																																										
102	84	202	42																																																																																																																																																																																										
104	280	204	140																																																																																																																																																																																										
109	84	209	42																																																																																																																																																																																										
110	18	210	9																																																																																																																																																																																										
SUBTOTAL (2) (\$).00																																																																																																																																																																																													

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Bennett J Berson	Registration No. (Attorney/Agent)	37,094
Signature	<i>Bennett J Berson</i>	Telephone	608/251-5000
		Date	May 15, 2002

QBMA01331898